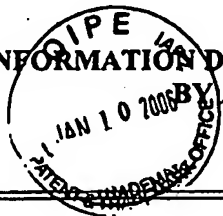


**INFORMATION DISCLOSURE STATEMENT**  
**BY APPLICANT**



|                        |                        |
|------------------------|------------------------|
| Attorney Docket Number | 6682-63358-09          |
| Application Number     | 10/502,040             |
| Filing Date            | July 19, 2004          |
| First Named Inventor   | Liao                   |
| Art Unit               | 1652                   |
| Examiner Name          | Elizabeth Slobodyansky |

**U.S. PATENT DOCUMENTS**

Copies of U.S. Patent documents do not need to be provided, unless requested by the Patent and Trademark Office. For patents, provide the patent number and the issue date. For published U.S. applications, provide the publication number and the publication date. For unpublished pending patent applications, provide the application number and the filing date.

| Examiner's Initials* | Cite No. (optional) | Number          | Publication Date  | Name of Applicant or Patentee |
|----------------------|---------------------|-----------------|-------------------|-------------------------------|
| ES                   |                     | 6,136,576       | 10/24/2000        | Diaz-Torres et al.            |
| ES                   |                     | 2003/0113882 A1 | 6/19/2003<br>2003 | Frey et al.                   |
|                      |                     |                 |                   |                               |
|                      |                     |                 |                   |                               |

**FOREIGN PATENT DOCUMENTS**

| Examiner's Initials* | Cite No. (optional) | Country | Number         | Publication Date | Name of Applicant or Patentee |
|----------------------|---------------------|---------|----------------|------------------|-------------------------------|
| ES                   |                     | WIPO    | WO 01/21771 A2 | 03/29/2001       | Omnigene Bioproducts          |
|                      |                     |         |                |                  |                               |
|                      |                     |         |                |                  |                               |
|                      |                     |         |                |                  |                               |

**OTHER DOCUMENTS**

| Examiner's Initials* | Cite No. (optional) |   |
|----------------------|---------------------|---|
| ES                   |                     | Begley et al., "The Biosynthesis of Coenzyme A in Bacteria," <i>Vitam. Horm.</i> 61:157-171 (2001).           |
| ES                   |                     | Cronan, " $\beta$ -Alanine Synthesis in <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 141:1291-1297 (1980). |
|                      |                     |   |
|                      |                     |   |
|                      |                     |   |

EXAMINER  
SIGNATURE:

*E. Slobodyansky*

DATE

CONSIDERED:

*11/30/06*

\* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.